

DOCUMENTATION SECTION

Use an "x" to place conservation practices in each treatment level. Click the "Next" Button to move forward.	Conservation Treatment Levels				
Practices from CPPE Tool Output	Code	Base	Prog	RMS	
Forest Site Preparation (ac.) 490	490		X	X	
Forest Stand Improvement (ac.) 666	666			X	
Pest Management (ac.) 595	595			X	
Riparian Forest Buffer (ac.) 391	391			X	
Tree/Shrub Establishment (ac.) 612	612		X	X	
Tree/Shrub Pruning (ac.) 660	660			X	
Upland Wildlife Habitat Management (ac.) 645	645		X	X	
Use Exclusion (ac.) 472	472	X	X	X	

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PRACTICE FACTOR SHEET

Only shaded practices are in this analysis.



Modify the formula for each Base, Prog, RMS to enter feet, no. or acres for each practice factor.

Please enter appropriate factor for each level of treatment (Baseline, Progressive, & RMS)

<u>Code</u>		<u>BASE</u>		<u>PROG</u>		<u>RMS</u>	<u>SHORT NOTE</u> <u>TU = Typical Unit Size</u>	Practice Name
391		25.0%		25.0%	X	2.0%	PERCENT of TU	Riparian Forest Buffer (ac.) 391
472	X	25.0%	X	75.0%	X	90.0%	PERCENT of TU	Use Exclusion (ac.) 472
490		10.0%	X	2.0%	X	4.0%	PERCENT of TU	Forest Site Preparation (ac.) 490
595		100.0%		8.0%	X	10.0%	PERCENT of TU	Pest Management (ac.) 595
612		10.0%	X	0.5%	X	1.0%	PERCENT of TU	Tree/Shrub Establishment (ac.) 612
645		100.0%	X	25.0%	X	100.0%	PERCENT of TU	Upland Wildlife Habitat Management (ac.) 645
660		10.0%		10.0%	X	5.0%	PERCENT of TU	Tree/Shrub Pruning (ac.) 660
666		10.0%		10.0%	X	75.0%	PERCENT of TU	Forest Stand Improvement (ac.) 666
560		500		500		1,500	FEET per TU	Access Road (ft.) 560
342		5.0%		5.0%		0.010%	PERCENT of TU	Critical Area Planting (ac.) 342
362		500		1		2	FEET per TU	Diversion (ft.) 362
410		1		0.1		1	NUMBER per TU	Grade Stabilization Structure (no.) 410
643		100.0%		100.0%		100.0%	PERCENT of TU	Restoration and Management of Declining Habitats (ac.) 643
327		10.0%		10.0%		10.0%	PERCENT of TU	Conservation Cover (ac.) 327
328		100.0%		100.0%		100.0%	PERCENT of TU	Conservation Crop Rotation (ac.) 328
344		80.0%		100.0%		100.0%	PERCENT of TU	Residue Management, Seasonal (ac.) 344
380		500		500		500	FEET per TU	Windbreak/Shelterbreak Establishment (ft.) 380
393		10.0%		1.0%		2.0%	PERCENT of TU	Filter Strip (ac.) 393
412		5.0%		0.5%		1.0%	PERCENT of TU	Grassed Waterway (ac.) 412
590		100.0%		10.0%		100.0%	PERCENT of TU	Nutrient Management (ac.) 590
600		5,000		5,000		100	FEET per TU	Terrace (ft.) 600
606		10,000		16,000		20,000	FEET per TU	Subsurface Drain (ft.) 606
633		100.0%		100.0%		10.0%	PERCENT of TU	Waste Utilization (ac.) 633
638		1		1		2	NUMBER per TU	Water & Sediment Control Basin (no.) 638
644		100.0%		100.0%		1.0%	PERCENT of TU	Wetland Wildlife Habitat Management (ac.) 644
657		100.0%		100.0%		0.5%	PERCENT of TU	Wetland Restoration (ac.) 657
329A		100.0%		5.0%		8.0%	PERCENT of TU	Residue Management, No-Till/Strip Till/Direct Seed (ac.) 329A
329B		100.0%		40.0%		92.0%	PERCENT of TU	Residue and Tillage Management, Mulch Till (ac.) 329B
484		100.0%		100.0%		100.0%	PERCENT of TU	Mulching (ac.) 484
620		50		50		50	FEET per TU	Underground Outlet (ft.) 620

WATERSHED NAME & CODE		UPPER IOW	/A - 0706002			LANDUSE ACRES	99	,943		
LANDUSE TYPE		FOR	EST		TYPICA	L UNIT SIZE ACRES	40			
ASSESSMENT INFORMATION					ESTIMAT	ED PARTICIPATION				
	CURRENT CONDITIONS	FU	TURE CONDITIO	ONS	RESOURCE CONCERNS					
CONSERVATION SYSTEMS BY TREATMENT LEVELS	Total Units	Existing Unchanged Units	New Treatment Units		Plant Condition – Productivity, Health and Vigor	Plant Condition – Noxious and Invasive Plants	Fish and Wildlife – Inadequate Food	Fish and Wildlife – Inadequate Cover/Shelter		
Baseline System			S	ystem Rating ->	2	2	2	2		
Total Acreage at Baseline Level	84,952	76,456	0	76,456						
Use Exclusion (ac.) 472	21,238	19,114	0	19,114	4	4	4	4		
	,									
Progressive System			S	ystem Rating ->	4	4	2	4		
Total Acreage at Progressive Level	9,994	9,495	4,248	13,742	7		_	•		
Forest Site Preparation (ac.) 490	200	190	85	275	3	4	0	0		
Tree/Shrub Establishment (ac.) 612	50	47	21	69	4	2	1	1		
Upland Wildlife Habitat Management (ac.) 645	2,499	2,374	1,062	3,436	4	4	2	5		
Use Exclusion (ac.) 472	7,496	8,183	2,124	10,307	4	4	4	4		
Resource Management System (RMS)			S	stem Rating ->	5	5	4	4		
Total Acreage at RMS Level	4,997	4,997	4,747	9,744	-	-				
Forest Site Preparation (ac.) 490	200	210	180	390	3	4	0	0		
Forest Stand Improvement (ac.) 666	3,748	3,748	3,560	7,308	5	3	2	2		
Pest Management (ac.) 595	500	500	475	974	3	4	1	1		
Riparian Forest Buffer (ac.) 391	100	100	95	195	4	2	4	3		
Tree/Shrub Establishment (ac.) 612	50	52	45	97	4	2	1	1		
Tree/Shrub Pruning (ac.) 660	250	250	237	487	3	0	0	0		
Upland Wildlife Habitat Management (ac.) 645	4,997	5,122	4,622	9,744	4	4	2	5		
Use Exclusion (ac.) 472	4,497	5,934	2,836	8,770	4	4	4	4		

WATERSHED NAME & CODE		UPPER IOW	/A - 0706002			LANDUSE ACRES	s 40		
LANDUSE TYPE		FOR	EST		TYPICAL	UNIT SIZE ACRES			
CONSERVATION INVESTMENT INFORMATION					ESTIMATE	D PARTICIPATION			
	FUTURE		USDA IN	VESTMENT		P	RIVATE INVESTME	NT	
CONSERVATION SYSTEMS BY TREATMENT LEVELS	New Treatment Units	Installation Cost 50%	Management Cost - 3 yrs 100%	Technical Assistance 20%	Total Present Value Cost	Installation Cost 50%	Annual O & M + Mgt Costs 100%	Total Present Value Cost	
Progressive System Acres Treated	4,248								
Forest Site Preparation (ac.) 490	85	\$0	\$42,780	\$8,556	\$47,389	\$0	\$14,260	\$22,905	
Tree/Shrub Establishment (ac.) 612	21	\$10,424	\$0	\$2,085	\$12,509	\$10,424	\$0	\$10,424	
Upland Wildlife Habitat Management (ac.) 645	1,062	\$104,437	\$0	\$20,887	\$125,325	\$104,437	\$0	\$104,437	
Use Exclusion (ac.) 472	2,124	\$132,737	\$0	\$26,547	\$159,284	\$132,737	\$7,964	\$167,218	
	Subtotal	\$247,598	\$42,780	\$58,076	\$344,507	\$247,598	\$22,224	\$304,984	
Resource Management System (RMS) Acres Treated	4,747				. , ,				
Forest Site Preparation (ac.) 490	180	\$0	\$90,593	\$18,119	\$100,354	\$0	\$30,198	\$48,504	
Forest Stand Improvement (ac.) 666	3,560	\$317,095	\$0	\$63,419		\$317,095	\$0		
Pest Management (ac.) 595	475	\$0	\$7,833	\$1,567	\$8,677	\$0	\$2,611	\$4,194	
Riparian Forest Buffer (ac.) 391	95	\$19,656	\$0	\$3,931	\$23,587	\$19,656	\$393		
Tree/Shrub Establishment (ac.) 612	45	\$22,074	\$0	\$4,415		\$22,074	\$0		
Tree/Shrub Pruning (ac.) 660	237	\$26,704	\$0	\$5,341	\$32,044	\$26,704	\$0	\$26,704	
Upland Wildlife Habitat Management (ac.) 645	4,622	\$454,609	\$0	\$90,922	\$545,531	\$454,609	\$0	\$454,609	
Use Exclusion (ac.) 472	2,836	\$177,243	\$0	\$35,449	\$212,691	\$177,243	\$10,635	\$223,285	
	Subtotal	\$1,017,381	\$98,426	\$223,161	\$1,329,888	\$1,017,381	\$43,836	\$1,117,823	
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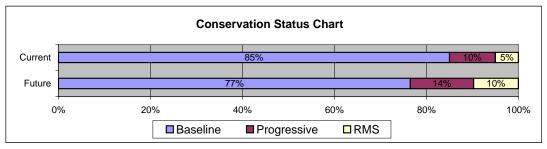


Chart Refers To									
Landuse Type FOREST									
Estimated Participati	9%								

Average PV Costs per Ac											
System Federal Private											
Prog	\$81	\$72									
RMS	\$280	\$235									

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WATERSHED NAME & CODE								LA	NDUSE	ACRES	99,943		
LANDUSE TYPE			FOREST				TYPI	CAL UN	IIT SIZE	ACRES	40		
POSSIBLE SOURCES OF FUNDING					ESTIN	IATED F	PARTICI	PATION	9%				
	FUTURE		U	SDA INVE	STMENT				OTHER	S			
CONSERVATION SYSTEMS BY TREATMENT LEVELS	New Treatment Units	СТА	EQIP	WRP	WHIP	CSP	CRP/ CREP	Fed	State	Local	NOTES/COMMENTS		
Progressive System Acres Treated	4,248												
Forest Site Preparation (ac.) 490	85	Х	х			Х							
ree/Shrub Establishment (ac.) 612	21	х	х	х									
Jpland Wildlife Habitat Management (ac.) 645	1,062	х	х	х	х								
Jse Exclusion (ac.) 472	2,124	X	X			Х							
Resource Management System (RMS) Acres Treated	4,747												
Forest Site Preparation (ac.) 490	180	х	х			Х							
Forest Stand Improvement (ac.) 666	3,560	Х	х	х		х							
		_ ^	_ ^	_ ^	X	_ ^							
Pest Management (ac.) 595	475	X	X	X	Х	^							
					Х	A							
Pest Management (ac.) 595 Riparian Forest Buffer (ac.) 391 Free/Shrub Establishment (ac.) 612	475	X		х	X	^							
Riparian Forest Buffer (ac.) 391 Free/Shrub Establishment (ac.) 612	475 95	X X	х	x x	X	^							
Riparian Forest Buffer (ac.) 391 Tree/Shrub Establishment (ac.) 612 Tree/Shrub Pruning (ac.) 660	475 95 45	X X X	х	x x	X	A							
tiparian Forest Buffer (ac.) 391 Tree/Shrub Establishment (ac.) 612 Tree/Shrub Pruning (ac.) 660 Upland Wildlife Habitat Management (ac.) 645	475 95 45 237	X X X	X	X X X		X							
tiparian Forest Buffer (ac.) 391 Tree/Shrub Establishment (ac.) 612 Tree/Shrub Pruning (ac.) 660 Upland Wildlife Habitat Management (ac.) 645	475 95 45 237 4,622	X X X X	X X	X X X									
Riparian Forest Buffer (ac.) 391 Tree/Shrub Establishment (ac.) 612 Tree/Shrub Pruning (ac.) 660 Upland Wildlife Habitat Management (ac.) 645	475 95 45 237 4,622	X X X X	X X	X X X									
tiparian Forest Buffer (ac.) 391 Tree/Shrub Establishment (ac.) 612 Tree/Shrub Pruning (ac.) 660 Upland Wildlife Habitat Management (ac.) 645	475 95 45 237 4,622	X X X X	X X	X X X									
Riparian Forest Buffer (ac.) 391 Tree/Shrub Establishment (ac.) 612 Tree/Shrub Pruning (ac.) 660 Upland Wildlife Habitat Management (ac.) 645	475 95 45 237 4,622	X X X X	X X	X X X									
Riparian Forest Buffer (ac.) 391 Tree/Shrub Establishment (ac.) 612 Tree/Shrub Pruning (ac.) 660 Upland Wildlife Habitat Management (ac.) 645	475 95 45 237 4,622	X X X X	X X	X X X									
Riparian Forest Buffer (ac.) 391 Tree/Shrub Establishment (ac.) 612 Tree/Shrub Pruning (ac.) 660 Upland Wildlife Habitat Management (ac.) 645	475 95 45 237 4,622	X X X X	X X	X X X									
Riparian Forest Buffer (ac.) 391	475 95 45 237 4,622	X X X X	X X	X X X									
Riparian Forest Buffer (ac.) 391 Tree/Shrub Establishment (ac.) 612 Tree/Shrub Pruning (ac.) 660 Upland Wildlife Habitat Management (ac.) 645	475 95 45 237 4,622	X X X X	X X	X X X									

DOCUMENTATION SECTION

Rapid Assessment Tool Data										
1							Resource Concern	15:		
Conservation Practice	Code	Units	Installation Cost	Life	O&M Factor	Total Annual Cost	Plant Condition – Productivity, Health and Vigor	Plant Condition – Noxious and Invasive Plants	Fish and Wildlife – Inadequate Food	Fish and Wild - Inadequat Cover/Shelte
Forest Site Preparation (ac.) 490	490	Ac	\$167.86	1	0.00	\$167.86		4	0	0
Forest Stand Improvement (ac.) 666	666	Ac	\$178.12	10	0.00	\$23.07	5	3	2	2
Pest Management (ac.) 595	595	Ac	\$5.50	1	0.00	\$5.50	3	4	1	1
Riparian Forest Buffer (ac.) 391	391	Ac	\$414.04	15	0.01	\$44.03	4	2	4	3
Tree/Shrub Establishment (ac.) 612	612	Ac	\$981.64	15	0.00	\$94.57	4	2	1	1
Tree/Shrub Pruning (ac.) 660	660	Ac	\$225.00	10	0.00	\$29.67	3	0	0	0
Upland Wildlife Habitat Management (ac.) 645	645	Ac	\$196.70	3	0.00	\$72.23	4	4	2	5
Use Exclusion (ac.) 472	472	Ac	\$125.00	10	0.03	\$19.94	4	4	4	4